

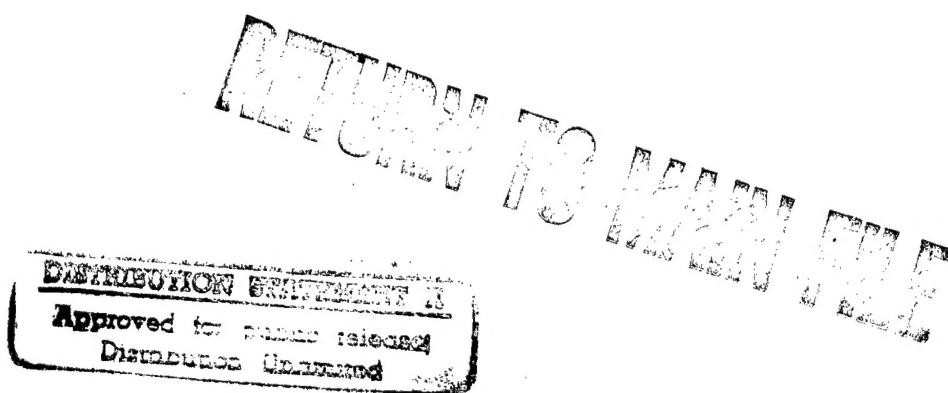
OTS: 60-11,704

JPRS: 2752

30 May 1960

LITERATURE ON METEOROLOGY,  
HYDROLOGY AND OCEANOGRAPHY IN 1959

- USSR -



DTIC QUALITY INSPECTED

Distributed by:

OFFICE OF TECHNICAL SERVICES  
U. S. DEPARTMENT OF COMMERCE  
WASHINGTON 25, D. C.

U. S. JOINT PUBLICATIONS RESEARCH SERVICE  
205 EAST 42nd STREET, SUITE 300  
NEW YORK 17, N. Y.

19980108100

LITERATURE ON METEOROLOGY,  
HYDROLOGY AND OCEANOGRAPHY IN 1959

[Following is a translation of an article taken from Meteorologiya i Gidrologiya (Meteorology and Hydrology), No. 4, 1960, pages 56-60.]

The bibliographic notes of the journal "Meteorologiya i Gidrologiya" contain data on the hydrometeorological literature published in Russian during the past year.

The first section gives information on books and brochures, and the second on articles in journals and collections. Data on the contents of the Works of Scientific Research Institutions of the Hydrometeorological Higher institutions of Learning are published in separate lists, as are lists of papers published in various collections of the Hydrometeorological Service.

Articles published in the journal "Meteorologiya i Gidrologiya," as well as bibliographic lists, are not included since they are listed in the annual index of the journal (in the 12th issue).

I. Books and Brochures

METEOROLOGY

1. Adamov, P. N. How Are Weather Forecasts Compiled. Gidrometeoizdat. L. 16 pp. illustr. 5,000 copies, 15 kop.
2. Weather Service. 2d ed. Gidrometeoizdat, L., 44 pp. ill. and maps. 10,000 copies, 90 kop.
3. English-Russian Meteorological Dictionary. p. D. Astapenko, ed. Fizmatgiz, M., 244 pp., 6,000 copies, 7.40 rub.
4. Belinskiy, V. A. German-Russian Meteorological Dictionary. Gidrometeoizdat, L. 237 pp., 5,000 copies, 9.30 rub.
5. Beloshina, A. P., Yevnevich, T. V. and Zemnova, A. I.

Handbook of Laboratory Work on Meteorology and Climatology for All Specialties of Course II. S. P. Khromov, ed. Moscow State Univ. imeni M. V. Lomonosov. 195 pp. ill. and maps. 400 copies. 3.60 rub.

- 6. Problems of the Physics of Clouds and Fogs. Collection of articles. I. M. Dolgin, ed. "Morskoy Transport." L. (Works of the AANII). No. 1, 174 pp., illustr., 1,000 copies, 9.90 rub. Bibliography at the end of each article.
- 7. Problems of Physics of the Boundary Layer of the Atmosphere in the Arctic. Coll. of Articles. L. L. Laykh-tman, ed. "Morskoy Transport." L., 161 pp., diag., 2,000 copies, 10.55 rub. Bibliography at the end of each article.
- 8. Galakhov, N. N. Study of the Structure of Climatic Seasons of the Year. Pub. Acad. Sci. USSR. M. 183 pp. diag. and maps, 1,600 copies, 12 rub. Bibliography on pp. 175-182.
- 9. Drogaytsev, D. A. Long-Term Hydrometeorological Forecasts on the Basis of Taking the Temperature Fluctuations into Account. Gidrometeoizdat. L. 92 pp. Maps. 2,000 copies. 3.20 rub. Bibl. pp. 88-89.
- 10. Zamorskiy, A. D. Atmospheric Phenomena. Gidrometeoizdat. L. 94 pp. illustr. 5,000 copies, 28 rub.
- 11. Investigations of Clouds and Fogs in the Arctic (Materials of the Observation of "Flying Observatory" for 1956). Works of the AANII. Vol. 222. I. M. Dolgin, ed. 674 pp. Maps. 350 copies. 28 rub.
- 12. Investigations of the Physics of the Atmosphere. Collection of Articles. Editorial staff: Yu. Ross (chief) et al. Tartu, 109 pp. illustr. 800 copies. 3.30 rub. Bibliography at the end of each article.
- 13. Kashin, K. I. and Pagava, S. T. Investigation of Considerable Monthly Anomalies of the Air Temperature in the European Territory of the USSR. Gidrometeoizdat. M. 131 pp. Maps. 750 copies. 5.00 rub.
- 14. The Climate of the Antarctic. Coll. of articles. Ed. Staff: B. F. Burkhanov et al. Geografgiz., M. 288 pages. Diagr. and maps. 4,000 copies, 11.50 rub. Bibliography at end of each article.
- 15. Climatology. Collection of articles. Responsible editor, O. D. Dozdov. Publ. by University of Leningrad. 186 pages, figures, maps. 1,100 copies, 8.90 rub. Bibliography at end of each article.
- 16. Conference on the Problem of "Interaction of the Atmosphere and the Hydrosphere in the Northern Atlantic." Leningrad, 1958. Materials of... (V. V. Timonov, ed).

Gidrometeoizdat. L. 1,000 copies. No. 2. Investigations of the Connection of the Hydrological Conditions of the Ocean with the Atmospheric Circulation and with Solar Activity). 42 pp. graphs. Maps. 1.75 rub. -- No. 5. Investigations of Thermal Processes. 75 pp., graphs, maps. 3.35 rub.

17. Mamontova, L. I. and Khromov, S. P. English-Russian Meteorological Dictionary. Gidrometeoizdat. L. L72 pp. 8,000 copies. 7.50 rub.

18. Mezentsev, V. "Unusual" Phenomena in the Atmosphere. Profizdat, M. 93 pp. ill. 30,000 copies, 1.15 rub.

19. Meteorological Instruments. official ed. (Gov. Standards of the USSR). Standartgiz. M. 127 pages. Diagrams. 6,000 copies. 4.20 rub.

20. Meteorology and Atomic Energy. Transl. from the English by V. Yu. Vasil'yev and A. Ya. Pressman. Ed. by Ye. K. Fedorov, IIL. M. 259 pp., illustr. 15.90 rub. Bibliography, 152 titles.

21. Instructions to Hydrometeorological Stations and Posts. M. No. 4, part V. Instrumental Observations of the Altitude of the Lower Boundary of Clouds. 64 pp. illustr., 3,000 copies. 2.25 rub.

22. No. 10. Inspection of Hydrometeorological Stations and Posts. Part V. Inspection of Shipborne Hydrometeorological Stations. 48 pp. 500 copies. 2.90 rub.

23. The Bora of New Russia. Ed. in Chief A. M. Gusev. Publ. Acad. Sci. USSR. 140 pp. illustr. maps. 1,250 cop. 7.55 rub. Bibl, 45 titles.

24. Onikiyenko, V. V. and Oseyko, T. P. Climatic Outline of the Carpathian Oblast's of the Ukr. SSR. Kiev 1958, 62 pages, maps, 1,000 copies, 3 rub. Bibl. pp. 61-62.

25. Pogosyan, Kh. P. General Circulation of the Atmosphere. Gidrometeoizdat. L. 260 pages with diag. and maps. 2,000 copies, 10.45 rub. Bibl., 164 titles.

26. Rusin, M. P. The Climate of the Antarctic. Gidrometeoizdat, L. 112 pages illustr. and maps. 5,000 copies, 2.25 rub.

27. Collection of Papers on Synoptics. Ed. by Kh. Kh. Raifilova. Gidrometeoizdat. M. -- No. 3. Problem of Long-Term Forecasts. 152 pages, maps. 800 copies. 6.80 rub. Bibl. at end of each article.

28. Collection of Articles on Meteorology. Ed. by Z. M. Prik. "Morskoy Transport." L. L79 pages, illustr. maps. 300 copies, 10.50 rub. Bibl. at end of each article.

29. "North Pole-4", the Scientific Research Drifting Station. "Morskoy Transport." L. Vol. 2. Meteorology, Actinometry. K. A. Sychev, ed.

648 pp. 350 copies, 43.40 rub.  
Vol. 3. Aerology. K. A. Sychev, ed. 951 pp. 53.00  
rub.  
Vol. 5. Geophysics. N. A. Volkov, ed. 407 pp. 24.  
10 rub.

30. Soviet Complex Antarctic Expedition, 1955. Ed. in Charge, M. M. Somov. "Morskoy Transport." L.  
4. 79 pp., ill., maps. 1,500 copies, 1.50 rub.  
5. 67 pp., ill., maps. 1,700 copies, 3.05 rub.  
6. 58 pp., ill., maps. 2,000 copies, 2.65 rub.  
7. 48 pp., ill., maps. 2,000 copies, 2.00 rub.  
8. Ed in Charge, L. F. Greshinkov, 44 pp., ill., maps,  
2,000 copies, 1.85 rub.  
9. 57 pp., ill., maps. 2,000 copies, 2.45 rub.

31. Conference on Silver Clouds, Tartu, 1958, Works... Ed.  
staff: V. N. Tuyt (Chairman) et al. Vol. 1, 129  
pp., ill., maps, 1,700 copies, 5.50 rub. -- Bibl. at  
end of each paper.

32. Sokhrina, R. F., Chelpanova, O. M. and Sharova, V. Ya.  
Air Pressure, Air Temperature, and Atmospheric Precipitation of the Northern Hemisphere. Ed. by O. A.  
Drozdov and T. V. Pokrovskaya. Gidrometeoizdat, L.  
474 pp., ill., maps, 1,150 copies, 28.50 rub. Bibl.  
at end of each section.

33. Sternzat, M. S. and Sapozhnikov, A. A. Meteorological Instruments. Observations and their Processing.  
Textbook for Hydrometeorological Technical Schools.  
Gidrometeoizdat, L. 520 pages, ill., maps. 10,000  
copies, 16.90 rub.

34. Accelerated Aerological Observations Over the Period from April 1954 to April 1955. Ed. by I. N. Dolgin and M. A. Zolotarev. "Morskoy Transport." L. Book  
1. 458 pp. 500 copies. 81.15 rub.

35. Kharino, O. N. and Domracheva, L. S. Automatic Meter for Humidity (of Air). M. 12 pp., ill. 1,600 copies, 2.50 rub.

36. Khrabrov, Yu. B. Procedure for Compiling Weather Forecasts for 3 to 7 days. Gidrometeoizdat, M. 183 pp.  
graphs, maps. 800 copies. 16.70 rub. Bibliography on pp. 416-419.

37. Khrgian, A. Kh. Outlines of the Development of Meteorology. 2d. rev. ed. Gidrometeoizdat, L. -- Vol. 1  
(through 1920), 428 pp. ill., maps. 5,000 copies, 16.70 rub. Bibl. pages 416 -- 419.

38. Chatterdzhi, S. B. The Climate of India. Transl. from English by A. P. Gol'tsov and G. I. Kirskiy. For.  
Lit. Press. M. 320 pages, diag., maps. 22.10 rub.  
Bibl. at end of each chapter.

---

39. Cherkasskaya, V. N. Local Weather Symptoms. Gidrometeoizdat, L. 11 pages, ill., 5,000 copies, 15 rub.

40. Shchukin, V. K. Storm of the Sky (How is the Atmosphere Studied). 2d. rev. ed. Fizmatgiz. M. 64 pp., ill., 50,000 copies, 1.00 rub.

41. Allison, H. A. The Sun and Its Effect on the Earth. Transl. from English by I. S. Shcherbina-Samoylova. Ed. by I. S. Shklovskiy. Fizmatgiz. M. 216 pp., ill., 5,000 copies, 7.10 rub.

#### AGROMETEOROLOGY

42. Agroclimatic Handbook for... Gidrometeoizdat, L.  
- Belgorodskaya oblast'. 114 pp., graph, maps, 1,500 copies, 6.50 rub.  
- Gor'kovskaya oblast'. 142 pp., fig., maps, 2,600 copies, 7.75 rub.  
- Zaporozhskaya oblast'. 112 pp., graph, maps., 1,500 copies, 6.15 rub.  
- Karelian ASSR, 184 pp., ill., maps, 1,500 copies, 10.10 rub.  
- Kirovabadskaya oblast'. 85 pp., fig., maps., 1,500 copies, 4.80 rub.  
- Kurganskaya oblast'. 111 pp., maps, 1.800 copies, 6.00 rub.  
- Leningradskaya oblast'. 176 pp., fig., maps, 1,500 copies, 9.45 rub.  
- Mordovskaya ASSR, 116 pp., diag., maps, 1,500 copies, 6.25 rub.  
- Nikolayevskaya oblast'. 104 pp., maps, 1,500 copies, 6.45 rub.  
- Omskaya oblast'. 228 pp., figs and maps, 2,000 copies, 11.25 rub.  
- Stalinskaya oblast'. 103 pp, graph, maps, 1,500 copies, 5.60 rub.  
- Tambovskaya oblast'. 124 pp, drawings, maps, 1,500 copies, 6.50 rub.  
- Tatar ASSR. 154 pp., 1,500 copies, 8.60 rub.

43. Agroclimatic Handbook for...  
- Bashkirian ASSR. Bashknigoizdat, Ufa, 122 pp., diag., 3,000 copies, 3.75 rub.  
- Vologodskaya oblast'. Publishing house, Vologda. 184 pp., drawings and maps., 2,000 copies, 10.60 rub.

44. Gurevich, T. V. Temperature of the Soil and Its Variation on the Fields. 3d ed. Gidrometeoizdat, L. 8 pp. ill. 5,000 copies, 10.00 rub.

45. Daulenov, S. and Zozulya, N. Water Administration of

the Kazakhstan. Kazgosizdat. Alma-Ata, 271 pp., ill., maps, 10,000 copies, 6 rub. Bibl. 18 titles.

46. Derevyanko, P. A. Agricultural Water Supplies to the Mongolian People's Republic. Works of the Laboratory for Hydrogeolog. Problems imeni F. P. Savarenenskiy, Acad. Sci. USSR. Vol. 21, 132 pp., ill. and maps, 1,300 copies, 8.30 rub. Bibl. pp. 129 -- 131.

47. Short Agroclimatic Handbook for...  
 - Azarbaydzhan SSR, Gidrometeoizdat, L. 68 pp., maps, 1,500 cop., 5 rub.  
 - Moldavian SSR, Partizdat. Kishinev. 70 pp., maps, 1,000 copies.

48. Krivoplyas, A. I. The Agrometeorological Post in the Kolkhoz and Sovkhoz. "Kartya moldovenyaske." Kishinev, 15 pp. ill. 2,600 copies, 0.15 rub.

49. Rudiyev, G. V. Frossts and the Struggle Against Them. 3d ed. Gidrometeoizdat, L. 11 pp., ill., 5,000 copies, 0.15 rub.

50. Sapozhnikova, S. A. Agroclimatic Resources of the USSR. Gidrometeoizdat, L. 8 pp. maps, 5,000 copies. 0.15 rub.

51. Sinel'shchikov, V. V. The Agrometeorological Post in the Kolkhoz and Sovkhoz. 3d ed. Gidrometeoizdat. L. 12 pp., illustr., 5,000 copies, 0.30 rub,

52. Atmospheric Precipitation and Its Measurement on Fields. 3d ed., Gidrometeoizdat, L. 7 pp., illustr., 5,000 copies, 0.10 rub.

#### HYDROLOGY (LAND)

53. Anisimova, N. P. Chemical Composition of Underground and Surface Waters and Certain Laws of Its Variation in the Region of the Middle Current of the Lena River. Yakutsk, 121 pp., illustr., maps., 1,000 copies. 6 rub. Bibliography, 89 titles.

54. Artem'yev, V. I. Underground Waters of the Saratov and Adjacent Regions of the Voronezh and Stalingrad O-blast's. Saratov. Part I. Hydrometeorological Description. 280 pp., 500 copies, 30 rub. Bibl., 192 titles.

55. Berkaliyev, Z. G. Hydrological Regime of the Rivers of the Central, Northern, and Western Kazakhstan. Publ. by Acad. Sci. Kazakh SSR Alma-Ata, 278 pp., illustr., 1,500 copies, 22.50 rub. Bibliography, 77 titles.

56. Bochkarev, P. F. Hydrochemistry of Waters of Eastern Siberia. Book Publ. House, Yakutsk. 155 pp., drawings, maps, 2,000 copies. 4.45 rub. Bibl. on pp. 152-153.

---

57. Vznuzdayev, S. T. Ground Waters of the Lower Dnestr Region. Publ. Acad. Sci. USSR. M., 163 pp., illustr., maps, 1,200 copies, 10.60 rub. Bibli. on pp 157-161.

58. Third Eastern Hydrological Congress, Leningrad, 1957. Works, Gidrometeoizdat, L.  
- Vol. 3. Hydrophysics Section. 471 pp., ill., maps, 2,000 copies, 31.15 rub.  
- Vol. 4. Section on Lakes and Water Reservoirs. 332 pp., ill., maps, 2,000 copies, 21.80 rub.  
- Vol. 9. Section on Underground Waters and Problems of Underground Supply to Rivers. 359 pp., illustr., maps, 1,500 copies, 24.70 rub.

59. Gavryukhina, A. A. Waters of the Coal Deposits of Moscow and Their Present State. Works of the Laboratory on Hydrogeological Problems imeni Acad. F. P. Savarenkiy Acad. Sci. USSR, Vol. 24.

60. Hydrogeology and Hydrology of the Arid Zone of the Earth's Sphere. Collection of Articles. Ed. by A. I. Silin-Bekchurin. For. Lit. Press. No. 2. The Ankara Symposium. Transl. from the English by B. L. Khramova. 432 pp. illustr., maps. 22.25 rub. Bibl. at the end of each section.

61. Grigor'yev, S. V. and Goritsevskaya, G. L. Catalogue of Lakes of Karelia. Publ. by Acad. Sci. USSR, M-L., 239 pp., maps, 1,200 copies, 23.50 rub. "List of Sources on Toponymics of Lakes", 60 titles.

62. Dubrovin, L. I., Katarzin, Yu. N. and Pecherkin, I. L. The Kamsk Watershed. Publ. House of Perm. 159 pp. illustr., 2,000 copies, 2.85 rub. Bibl. pp. 157-159.

63. Durov, S. A. Geometric Method in Hydrochemistry. Publ. House of Rostov-on-Don. 195 pp., drawings, 2,000 copies, 8.35 rub. Bibl., 135 titles.

64. Il'in, I. A. Water Resources of the Fergansk Valley. Edited by V. L. Shul'ts. Gidrometeoizdat. L. 247 pp. illustr., 1,100 copies, 12.80 rub. Bibl., 181 titles.

65. Investigations of the Little Sea. Coll. of Articles. Responsible editor, G. I. Galazniy. Publ. by Acad. Sci. USSR, M-L., 530 pp., illustr. and maps., 1,200 copies, 38.00 rub. Bibl. at end of each article.

66. Kamenskiy, G. N., Tolstikhina, N. M. and Tolstikhin, N. I. Hydrogeology of the USSR. Textbook for Mining and Geological Prospecting Colleges. Gosgeoltekhnizdat, M. 366 pp., drawings, maps, 10,000 copies, 13.35 rub. Bibl. pp. 353-363.

67. Komarov, V. D. The Spring Runoff of the Valley Rivers of the European Part of the USSR, Conditions of Its

Formation, and Methods of Forecasting. Gidrometeoizdat, M., 295 pp., illustr., maps, 800 copies, 14.50 rub. Bibl. on pp. 272-283.

68. Kuznetsov, N. T. Gidrography of the Waters of the Mongolian People's Republic. Publ. by Acad. Sci. USSR, M., 154 pp., 1,300 copies, 9.00 rub. Bibl. on p. 151.

69. Kunin, V. N. Local Waters of the Deserts and Problems of Their Utilization. Publ. by Acad. Sci. USSR, M., 283 pp., illustr., 1,400 copies, 13.30 rub. Bibl. pp. 273-282.

70. Lange, O. K. Underground Waters of the USSR. Textbook for Universities, Geological-Prospecting, and Mining Colleges. Edited by D. I. Gordeyev. Publ. by Moscow Univ. M., Part I. Underground Waters of the European Part of the USSR. 270 pp. diagrams and maps. 9,000 copies, 9.00 rub. Bibl., 93 titles.

71. Lebedev, V. V. Hydrochemistry. Textbook for River Schools and Technical Schools. Rechnoy Transport, L. 192 pp., illustr., 2,500 copies, 5.40 rub.

72. Lobanskaya, N. P. Ground Runoff on the Territory of the European Part of the USSR, L., 52 pp., graphs, maps, 500 copies, 4.00 rub. Bibl., 31 titles.

73. Materials on Hydrology (Lypolgy) of Karelia. Collection of Articles. Responsible editor, S. V. Grigor'yev. Geosizdat, Karelian ASSR. Petrozavodsk, 194 pp., illustr., maps, 500 copies, 10.00 rub. Bibl. on end of each article.

74. Materials on the Lengths of Small Rivers of the Middle Volga Valley. Handbook. Responsible editor, Yu. V. Skobel'tsyn. Kazan', 417 pp., maps, 500 copies, 15.00 rub. Bibl., 30 titles.

75. Muranov, A. P. The Yangtse River. Gidrometeoizdat, L. 124 pp., illustr., maps, 3,000 copies, 2.30 rub.

76. The Euphrates and Tigres Rivers. Gidrometeoizdat, L. 140 pp., illustr., maps, 3,000 copies, 2.80 rub.

77. New Methods and Apparatus for the Investigation of River Bed Processes. Collection of Articles. Responsible editors: Ye. V. Bliznyak and K. I. Rossinskiy. Publ. by Acad. Sci. USSR, M., 220 pp., illustr., 1,300 copies, 11.50 rub. Bibl. at end of each article.

78. Pal'gov, N.N. The Rivers of Kazakhstan. Pub. by Acad. Sci. Kazakh SSR. Alma-Ata. 100 pp., illustr., maps, 2,000 copies, 1.80 rub. Bibl. at end of book.

79. Savchenko, V. M. and Sopin, P. A. Where and How to Search for Sources of Underground Water. Publ. House of Magadan. 19 pp., drawings, 2,000 copies, 0.15 rub.

80. Collection of Works on Hydrology. Ed. by A. N. Chebotarev. Gidrometeoizdat. L. No. 1. 160 pp., diagr., maps, 1,000 copies, 10.20 rub. Bibl. at end of each paper.
81. Sementovskiy, V. N. The Amur River. Geographgiz. M. 82 pp., illustr., maps, 20,000 copies, 1.30 rub.
82. Sokolovskiy, D. L. The River Runoff. Principal Theories and Practices of Calculations. Text for Hydrometeorological Institutes. Second revised and enlarged edition. Gidrometeoizdat, L. 527 pp., illustr., maps, 5,000 copies, 16.65 rub. Bibl. pp. 495-508.
83. Fedorov, V. V. Procedure for Long-Term Forecasting of Guaranteed Minimal Navigational Flows and Levels. "Rechnoy Transport." L. 140 pp, graph, 1,000 copies, 4.75 rub. Bibl. pp. 137-138.
84. Shagoyants, S. A. Underground Waters of the Central and Eastern Parts of the Northern Caucasus and Conditions of their Formation. Gosgeoltekhnizdat. M. 360 pp. illustr. maps, 2,000 copies, 22.10 rub. Bibl. pp. 303-304.
85. Shamov, G. I. River Alluvia. Conditions, Calculations, and Methods of Measurement. Textbook for Hydrometeorological Institutes. 2d ed., revised and enlarged. Gidrometeoizdat, L. 378 pp., illustr., maps, 3,000 copies, 11.40 rub. Bibl. 73 titles.

#### OCEANOGRAPHY

86. Bauer, Hans. Secrets of the Depths of the Sea. Transl. from the German. Geografgiz. M. 199 pp. illustr. 65,000 copies, 3.10 rub.
87. Bogdanov, D. V. Hydrological Conditions in the Southeast Part of the Northern Atlantic. "Rybnoye khozyaystvo." M. 48 pp. diag. maps, 2,000 copies, 3.00 rub. Bibl. 33 titles.
88. Waves and Currents in the Sea. Transfer of Salts from the Sea to the Atmosphere. Collection of articles. Responsible Editor: A. A. Ivanov. Publ. by Acad. Sci. USSR, M. 167 pp., illustr., maps, 1,200 copies, 8.80 rub. Bibl. at end of each chapter.
89. Problems in the Study of Sea Shores. Works of the Oceanographic Commission of the Academy of Sciences USSR. Vol. 4. Responsible editor, V. P. Zenkovich. 223 pp. illustr. maps, 1,200 copies, 12.45 rub. Bibl. at end of each article.
90. Problems of Procedures for Oceanological Research. Collection of articles. Responsible editor, N. N. Sosyev. Works of the Inst. of Oceanology, Acad. Sci. USSR, Vol. 35, 246 pp., illustr., 1,200 copies, 13.70

rub. Bibl. at end of each article.

91. Geographic Characteristics of the Bering Sea. Relief of the Bottom, and Bottom Deposits. Works of the Inst. of Oceanology Acad. Sci. USSR, Vol. 29. Responsible editor, P. L. Bezrukov. 188 pp., draw., maps, 1,300 copies, 12.45 rub. Bibl. on pp. 184-187.
92. Hydrological Investigations in the Barentsev, Norwegian, and Greenland Seas. Coll. of articles. Pishchepromizdat. M. 150 pp. illustr., maps, 1,000 copies, 9.40 rub. Bibl. at end of each article.
93. Gyul', K. K. The Problem of the Caspian. Ed. by B. A. Apollov. "Znaniye," M. 30 pp. illustr., 35,000 copies, 0.60 rub.
94. Dzyubenko, Ye. V. On the Hydrometeorological Conditions of the Sakhalin-Kurile Basin. Book Publ. House of South Sakhalinsk. 37 pp., maps, 2,500 copies.
95. Istoshin, Yu. V. The Japan Sea. Geografgiz, M. 77 pp. illustr., maps, 25,000 copies, 1.20 rub.
96. Lymarev, V. I. The Aral' Sea. Geografgiz, M. 63 pp., illustr., maps, 500 copies, 4.20 rub. Bibl. 66 titles.
97. Markov, K. K. Sailing Around the World in the Southern Hemisphere. On the ship "Ob". "Znaniye." M. 32 pp., illustr., maps, 37,000 copies, 0.60 rub.
98. Materials on the Investigations of the Aral' Sea. Collection of articles. Responsible editor, S. V. Kolesnik. Works of the Laboratory of Oceanography. Vol. 8, 278 pp., illustr. and diagrams. 1,000 copies, 17.00 rub. Bibl. at end of each chapter.
99. Instructions to Hydrometeorological Stations and Posts. Gidrometeoizdat. L. No. 10. Inspection of Hydrometeorological Stations and Posts. Part 3. Inspection of Hydrometeorological Observations of Seashore Hydrometeorological Stations. 182 pp., 1,100 copies, 7.70 rub.
100. Oceanographic Investigations on the Expedition Ship "Vityaz" in 1953-1955. Responsible editor, P. L. Bezrukov. Works of the Inst. of Oceanology Acad. Sci. USSR, Vol. 16, 159 pp., illustr., maps, 1,300 copies, 10.15 rub.
101. Plakhotnik, A. F. Oceans and Seas. Handbook for Teachers. Uchpedgiz, M. 183 pp. illustr., maps, 16,000 copies, 4.35 rub.
102. Problems of the Caspian Sea. Coll. of articles. Works of the Oceanographic Commission, Acad. Sci. USSR, Vol. 5. Responsible editor B. A. Apollov. 434 pp., illustr., maps, 1,500 copies, 24.00 rub. Bibl. on pp. 423-432.

103. Problems of the Chemistry of the Sea. Collection of articles. Works of the Institute of Oceanology, Acad. Sci. USSR. Vol. 33, Responsible editor, S. V. Bruevich. 210 pp., drawings, 1,700 copies, 12.10 rub. Bibl. at the end of each article.
104. Manual for Calibration and Verification of Marine Hydrological Omstria, emts/Gidrometeoizdat, L. 408 pp., 1,650 copies, 15.50 rub.
105. Conference on the Dynamics of Seashores and Shores of Water Reservoirs. Odessa, 1959, Survey Papers. 51 pp., 400 copies, 1.00 rub.
106. Conference on the Dynamics of Seashores and Shores of Water Reserv. Odessa, 1959. Works... Vol 1. Scientific Communications. 291 pp., illustr., 1,000 copies, 5.00 rub. Bibl. at end of each paper.
107. Physica of the Sea. Collectionn of articles. Responsible editor, A. A. Ivanov. Publ. by Acad. Sci. USSR, M. 96 pp., diag., maps, 1,300 copies, 4.35 rub. Bi- blio. at end of each article.
108. Shokal'skiy, Yu. M. Oceanography. 2d ed. Gidrometeoizdat, L. 537, pp. illustr., maps, 5,000 copies, 25.80 rub. Bibl. pp. 517-523.
109. Shuleykin, V. V. Short Course in the Physics of the Sea. For Colleges. Gidrometeoizdat. L. 478 pp., il- lustr., maps, 3,000 copies, 18.60 rub. Biblio. pp. 470-475.

END

1107

---

This publication was prepared under contract to the  
UNITED STATES JOINT PUBLICATIONS RESEARCH SERVICE  
a federal government organization established  
to service the translation and research needs  
of the various government departments.